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INDEX TO AMERICAN BOTANICAL LITERATURE

(1911)

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material; the word America being used in the broadest sense.

Reviews, and papers that relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omissions, their kindness will be appreciated.

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Bancroft, C. K. Report of the Mycologist for the year 1910. Agric.

Bull. Straits and Federated Malay States **10**: 244-250. Au 1911.

Bartlett, H. H. On gynodioecism in *Plantago lanceolata*. Rhodora **13**: 199-206. f. 1-3. 1 S 1911.

Benedict, H. M. An imbedding medium for brittle or woody tissues. Bot. Gaz. **52**: 232. 15 S 1911.

Blanchard, W. H. A new variety of *Rubus canadensis*. Rhodora **13**: 193-195. 1 S 1911.

Blanchard, W. H. The range of the black birch to be restricted. Rhodora **13**: 206, 207. 1 S 1911.

Blumer, J. C. Notes on distribution of *Castilleja* on the Mexican boundary. Muhlenbergia **7**: 65-71. 31 Au 1911.

Chase, A. *Arrhenatherum elatius* β *tuberosum* in America. Rhodora **13**: 207, 208. 1 S 1911.

Collins, F. S. The marine algae of Casco Bay. Proc. Portland Soc. Nat. Hist. **2**: 257-282. 1911.

Copeland, E. B. Bornean ferns collected by C. J. Brooks. Philip. Jour. Sci. **6**: (Bot.) 133-143. pl. 12-25. J1 1911.
Includes descriptions of 19 new species.

Copeland, E. B. New or interesting Philippine ferns—V. Philip. Jour. Sci. **6**: (Bot.) 145-148. J1 1911.
Five new species described.

- Danforth, C. H.** A dimorphism in *Tiarella cordifolia*. *Rhodora* **13**: 192, 193. 1 S 1911.
- Deane, W.** Teratology in *Trillium ovatum* Pursh. *Rhodora* **13**: 189-191. *pl.* 92. 1 S 1911.
- Duggar, B. M.** Physiological plant pathology. *Phytopathology* **1**: 71-78. 13 Je 1911.
Also published in *Publ. Bot. Soc. Am.* 50: 8-16. Au 1911.
- Dunham, E. M.** *Polytrichum* approaching *P. Smithiae*. *Bryologist* **14**: 90, 91. S 1911.
- Durand, E. J.** The differential staining of intercellular mycelium. *Phytopathology* **1**: 129, 130. 9 Au 1911.
- Engler, A.** *Araceae-Lasioideae*. *Pflanzenreich* **4**^{23c}: 1-130. *f.* 1-44. 4 Au 1911.
Among other American plants are included 2 new species in *Dracontium*.
- Foxworthy, F. W.** Philippine gymnosperms. *Philip. Jour. Sci.* **6**: (Bot.) 149-177. *pl.* 26-33. Jl 1911.
Descriptions of 3 new species are included.
- Freeman, E. M.** Resistance and immunity in plant diseases. *Phytopathology* **1**: 109-115. 9 Au 1911.
Also published in *Publ. Bot. Soc. Am.* 50: 17-26. Au 1911.
- Fuller, G. D.** Evaporation and plant succession. *Bot. Gaz.* **52**: 193-208. *f.* 1-6. 15 S 1911.
- Harms, H.** Eine neue brasilianische Leguminose. *Poiretia longipes* Harms, nov. spec. *Repert. Sp. Nov.* **9**: 439, 440. 15 Au 1911.
- Harshberger, J. W.** An hydrometric investigation of the influence of sea water on the distribution of salt marsh and estuarine plants. *Proc. Am. Philos. Soc.* **50**: 457-496. *pl.* 20, 21 + *f.* 1-7. S 1911.
- Heald, F. D.** *Rhizoctonia Medicaginis* in America. *Phytopathology* **1**: 104. 13 Je 1911.
- Hedgcock, G. G.** Notes on *Peridermium cerebrum* Peck, and *Peridermium Harknessii* Moore. *Phytopathology* **1**: 131, 132. 9 Au 1911.
- Howe, R. H.** A correction. *Bryologist* **14**: 91, 92. S 1911.
Relates to "*Ephebe solida*."
- Jensen, C. N., & Stewart, V. B.** Anthracnose of *Schizanthus*. *Phytopathology* **1**: 120-125. *f.* 1. 9 Au 1911.
Describes *Colletotrichum Schizanthi* sp. nov.
- Johnston, J. R.** Is *Bacillus Coli* ever a plant parasite? *Phytopathology* **1**: 97-99. 13 Je 1911.
- Karsten, G.** Kalifornische Coniferen. *Vegetationsbilder* **9**: *pl.* 1-12. 1911.
- Kennedy, P. B.** An ancient English oak. *Muhlenbergia* **7**: 71, 72. *f.* 11. 31 Au 1911.

- Klugh, A. B.** The algae of the Bruce Peninsula. *Ottawa Nat.* **25**: 94-98. 9 S 1911.
- Lloyd, J. U.** Pharmacopoeial vegetable drugs. *Bull. Lloyd Lib. Bot. Pharm. & Mat. Med.* **18**: (Pharm.) 1-135. 1911.
- Macfarlane, J. M.** *Cephalotaceae*. *Pflanzenreich* **4**¹¹⁶: 1-15. *f.* 1-4. 14 F 1911.
- Montgomery, E. G.** Perfect flowers in maize. *Pop. Sci. Mo.* **79**: 346-349. *f.* 1-6. O 1911.
- Morris, E. L.** Germination of cat-tail seeds. *Torreyia* **11**: 181-184. *f.* 1, 2. 12 S 1911.
- Nash, G. V.** The rhododendron banks. *Jour. N. Y. Bot. Gard.* **12**: 157, 158. *f.* 32. J1 1911.
- Norton, J. B. S.** Water core of apple. *Phytopathology* **1**: 126-128. 9 Au 1911.
- O'Gara, P. J.** Parasitism of *Coniothyrium Fuckelii*. *Phytopathology* **1**: 100-102. *pl.* 18-21. 13 Je 1911.
- Parish, S. B.** Additions and emendations. *Muhlenbergia* **7**: 73-82. *f.* 12. 30 S 1911.
- Pax, F.** *Euphorbiaceae-Cluytieae*. *Pflanzenreich* **4**^{147III}: 1-124. *f.* 1-35. 14 F 1911.
- Peck, C. H.** Report of the botanist, 1910. *N. Y. State Mus. Bull.* **150**: 1-100. *pl.* 121-123 + *pl.* IV, VI. [15 S] 1911.
Includes descriptions of 54 new species of plants.
- Powers, S.** Floating islands. *Pop. Sci. Mo.* **79**: 303-307. S 1911.
[Illust.]
- Poyser, W. A.** The identity of *Asplenium Ferrissi* with *A. alternans*. *Fern Bull.* **19**: 33-36. [O] 1911.
- Prescott, A.** Walking ferns. *Fern Bull.* **19**: 48, 49. [O] 1911.
- Pritchard, F. J.** A preliminary report on the yearly origin and dissemination of *Puccinia graminis*. *Bot. Gaz.* **52**: 169-192. *pl.* 4. 15 S 1911.
- Rand, F. V.** A pecan leaf-blotch. *Phytopathology* **1**: 133-138. *f.* 1-3. 9 Au 1911.
- Robinson, C. B.** Botanical notes upon the Island of Polillo. *Philip. Jour. Sci.* **6**: (Bot.) 185-228. J1 1911.
Describes 18 new species.
- Robinson, C. B.** Corn-leaf blight in the Philippines. *Philip. Agric. Rev.* **4**: 356-358. J1 1911.
- Rolfe, R. A.** *Acineta Moorei*. *Curt. Bot. Mag.* **IV. 7**: *pl.* 8392. S 1911.
A South American plant.

- Schlechter, R.** *Orchidaceae* novae et criticae.—XXIII, XXIV. Repert. Sp. Nov. **9**: 428–439. 15 Au 1911.
- Schöpfung, J. D.** Reise durch einige der mittlern und südlichen Vereinigten Nordamerikanischen Staaten nach Ost-Florida und den Bahama Inseln unternommen in den Jahren 1783 und 1784. Bull. Lloyd Lib. Bot. Pharm. & Mat. Med. **16**: (Bot.) 3–39. 1911.
A translation of extracts, by A. J. Morrison.
- Seaver, F. J.** The *Hypocreales* of North America—IV. Mycologia **3**: 207–230. *pl.* 53, 54. S 1911.
- Sharp, L. W.** The embryo sac of *Physostegia*. Bot. Gaz. **52**: 218–225. *pl.* 6, 7. 15 S 1911.
- Shear, C. L.** The ascogenous form of the fungus causing dead-arm of the grape. Phytopathology **1**: 116–119. *f.* 1–5. 9 Au 1911.
- Small, J. K.** Exploration in southern Florida. Jour. N. Y. Bot. Gard. **12**: 147–156. *f.* 26–31. J1 1911.
- Smith, C. P.** Notes from northern Utah—III. Muhlenbergia **7**: 61–65. 31 Au 1911.
- Smith, R. W.** The tetranucleate embryo sac of *Clintonia*. Bot. Gaz. **52**: 209–217. *pl.* 5. 15 S 1911.
- Spaulding, P.** The rusts of *Tsuga canadensis*. Phytopathology **1**: 94–96. 13 Je 1911.
- Swingle, D. B., & Morris, H. E.** A preliminary report on the effects of arsenical compounds upon apple trees. Phytopathology **1**: 79–93. *pl.* 16, 17. 13 Je 1911.
- Tidestrom, I.** *Populus virginiana* Fouger. Rhodora **13**: 195–199. *f.* 1. 1 S 1911.
- Williams, I. C.** The new chestnut bark disease. Science II. **34**: 397–400. 29 S 1911.
- Wilson, P.** Report on Cuban exploration. Jour. N. Y. Bot. Gard. **12**: 171–174. Au 1911.
- Wolff, H.** *Umbelliferae* novae,—I. Repert. Sp. Nov. **9**: 417–422. 15 Au 1911.
- Young, W. J.** The Brazil nut. Bot. Gaz. **52**: 226–231. *pl.* 8 + *f.* 1. 15 S 1911.
- Zeeuw, R. de.** The comparative viability of seeds, fungi and bacteria when subjected to various chemical agents. Centralb. Bakt. Zweite Abt. **31**²: 4–23. 6 S 1911. [Illust.]